

RFQ NO: 1919383

DESCRIPTION: SUPPLY, REPAIR, INSTALL AND REPLACE EXISTING IRRIGATION SYSTEM FOR FACILITIES AT NHLS SANDRINGHAM.

COMPULSORY BRIEFFING SESSION: N/A

ISSUED BY:

SUPPLY CHAIN MANAGEMENT NATIONAL HEALTH LABORATORY SERVICE 1 MODDERFONTEIN ROAD SANDRINGHAM 2092 PREPARED BY:

SUPPLY CHAIN MANAGEMENT NATIONAL HEALTH LABORATORY SERVICE NO.1 MODDERFONTEIN ROAD SANDRINGHAM 2092

Quotation Queries:	Technical Queries:	
CONTACT NAME: PROCUREMENT OFFICE	CONTACT NAME: PROCUREMENT OFFICE	
TELEPHONE:011 386 6000	TELEPHONE: 011 386 6000	

NAME OF TENDERER:

CLOSING DATE: 25 OCTOBER 2024 AT 11:00 AM

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RFQ

QUOTATION PROCEDURES

1.1 NOTICE AND INVITATION TO SUBMIT QUOTATIONS

Construction Industry Development Board invites quotations for the RFQ NO: 1918764 – SUPPLY, REPAIR, INSTALL AND REPLACE EXISTING IRRIGATION SYSTEM FOR FACILITIES AT NHLS SANDRINGHAM.

Preferences are offered to tenderers for Broad-Based Black Economic Empowerment (B-BBEE) Status Level of Contribution in terms of the Preferential Procurement Regulations, 2022. Exempted Micro Enterprises (EME) or Qualifying Small Enterprises (QSE) the specific goals will be applicable.

Only tenderers who are already registered in terms of the Construction Industry Development Regulations in cidb grading designation **Level 1 or higher** are eligible to submit Quotation.

COMPULSORY BRIEFING AND SITE INSPECTION

A compulsory clarification meeting will take place at the NHLS, No.1 Modderfontein Road, Sandringham, N/A

The tenderer shall inspect and examine the Site and its surroundings and shall satisfy himself/herself before submitting his/her quotation. The tenderer must be represented at the site inspection by a person who is suitably qualified and experiences to comprehend the implications of the work involved. Attendance of the site inspection is compulsory and a tender will be disqualified if the site inspection is not attended by a representative of the tenderer.

NOTE: No additional site visits will be allowed.

Quotation procedure using the two stage system will apply.

Tenderers shall submit in the first stage only technical quotations.

Only those tenderers who are responsive will be eligible to submit tender offers in the second stage, following the issuing of procurement documents.

The CIDB will evaluate tenders received during the second stage in terms of the method of evaluation stated in the submission data, and award the contract in terms of these conditions of tender.

Technical quotation will be evaluated on Administrative / Mandatory Requirements and on Functionality.

Bidders who fail to obtain a minimum of 70% for Technical evaluation will not be considered further.

Financial quotation will be evaluated on price and B-BBEE as outlined in this document.

THE CLOSING DATE AND TIME FOR RECEIPT OF QUOTATION IS 25 OCTOBER 2024 at 11h00 AM

Only Quotation complying with the following requirements will be considered:

- i) The request for quotation is for contractors who have a CIDB contractor grading as outlined above
- ii) Quotation submitted on the prescribed format
- iii) Quotation should be hand delivered to: 1 Modderfontein Road Sandrigham at Reception RFQ Box.

Telegraphic, telephonic, telex, facsimile and late quotation will not be accepted.

Requirements for sealing, addressing, delivery, opening and assessment of quotation are stated in the Submission Data.

REQUEST FOR QUOTATION

PART A REQUEST FOR QUOTATION

YOU ARE HEREBY INVITED TO SUBMIT AN RFQ FOR THE PROVISION OF SERVICE AND REPAIRS FOR AUTOCLAVES AT NHLS SANDRINGHAM CAMPUS FOR A PERIOD OF 24 MONTHS					
RFQ NUMBER:	1918764	CLOSING DATE:	25 OCTOBER 2024	CLOSING TIME:	11h00 AM
DESCRIPTION SUPPLY, REPAIR, INSTALL AND REPLACE EXISTING IRRIGATION SYSTEM FOR FACILITIES AT NHLS SANDRINGHAM.					
THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (MBD7.1) OR AGRREMENT OF FORM OF OFFER AND ACCEPTANCE.					

SUPPLIER INFORMATION				
NAME OF BIDDER				
POSTAL ADDRESS				
STREET ADDRESS				
TELEPHONE NUMBER	CODE		NUMBER	
CELLPHONE NUMBER				
FACSIMILE NUMBER	CODE		NUMBER	
E-MAIL ADDRESS				
VAT REGISTRATION NUMBER				
TAX COMPLIANCE STATUS	TCS PIN:	OR	CSD No:	
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE [TICK APPLICABLE BOX]	☐ Yes ☐ No	B-BBEE STA SWORN AF	ATUS LEVEL FIDAVIT	☐ Yes ☐ No

[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/ SWORN AFFIDAVIT (FOR EMES & QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]					
1. ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	Yes No	ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?	☐ Yes ☐ No [IF YES, ANSWER PART B:3]		
2. TOTAL NUMBER OF ITEMS OFFERED					
3. SIGNATURE OF BIDDER		4. DATE			
5. CAPACITY UNDER WHICH THIS BID IS SIGNED					
BIDDING PROCEDURE ENQUIRI	ES MAY BE DIRECTED TO:	TECHNICAL INFORM	ATION MAY BE DIRECTED TO:		
BIDDING PROCEDURE ENQUIRED DEPARTMENT/ORGANIZATION	ES MAY BE DIRECTED TO:	TECHNICAL INFORMATION CONTACT PERSON	ATION MAY BE DIRECTED TO: PROCUREMENT OFFICE		
DEPARTMENT/ORGANIZATION	NHLS	CONTACT PERSON TELEPHONE	PROCUREMENT OFFICE		
DEPARTMENT/ORGANIZATION CONTACT PERSON	NHLS PROCUREMENT OFFICE	CONTACT PERSON TELEPHONE NUMBER FACSIMILE	PROCUREMENT OFFICE 011 386 6000		

PART B

TERMS AND CONDITIONS FOR BIDDING

1.	BID SUBMISSION:		
1.1.	BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT AD ACCEPTED FOR CONSIDERATION.	DRESS. LATE BIDS WILL NOT BE	
1.2.	ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED-(NOT	TO BE RE-TYPED)	
1.3.	THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAM PREFERENTIAL PROCUREMENT REGULATIONS, 2017	MEWORK ACT AND THE	
2.	TAX COMPLIANCE REQUIREMENTS		
2.1.	BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.		
2.2.	BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION SARS TO ENABLE THE ORGAN OF STATE TO VIEW THE TAXPAYER'S PROF		
2.3.	APPLICATION FOR THE TAX COMPLIANCE STATUS (TCS) CERTIFICATE OR FILING. IN ORDER TO USE THIS PROVISION, TAXPAYERS WILL NEED TO RECTHROUGH THE WEBSITE WWW.SARS.GOV.ZA.		
2.4.	FOREIGN SUPPLIERS MUST COMPLETE THE PRE-AWARD QUESTIONNAIRE	IN PART B: 3.	
2.5.	5. BIDDERS MAY ALSO SUBMIT A PRINTED TCC CERTIFICATE TOGETHER WITH THE BID.		
2.6.	IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE SUBMIT A SEPARATE TCC CERTIFICATE / PIN / CSD NUMBER.	INVOLVED, EACH PARTY MUST	
2.7.	WHERE NO TCC IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CE (CSD), A CSD NUMBER MUST BE PROVIDED.	ENTRAL SUPPLIER DATABASE	
3.	QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS		
3.1.	IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?	☐ YES ☐ NO	
3.2.	DOES THE ENTITY HAVE A BRANCH IN THE RSA?	☐ YES ☐ NO	
3.3.	DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?	☐ YES ☐ NO	
3.4.	DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?	☐ YES ☐ NO	
3.5.	IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?	☐ YES ☐ NO	
CON	HE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMEI MPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUI BISTER AS PER 2.3 ABOVE.		
			_
NO	FAILURE TO PROVIDE ANY OF THE ABOVE PARTICULARS MAY RENDER THE BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STAT		

CAPACITY UNDER WHICH THIS BID IS SIGNED:	
DATE:	

IMPORTANT NOTICE

Bidders should ensure that request for quotation are hand delivered to NHLS RECEPTION, RFQ BOX, NO.1 MODDERFONTEIN ROAD, SANDRINGHAM, JHB. If the bid is late, it will not be accepted for consideration.

Quotation must be submitted on the official forms – (not to be re-typed)

The contractor will be responsible for final measurements.

Writing must be in block letters and black ink.

This bid is subject to the Preferential Procurement Policy Framework Act and the Preferential Procurement Regulations, 2017, The General Conditions of Contract for Construction Works and any other special conditions of contract specified by CIDB.

TECHNICAL ENQUIRIES

Should you require any further information in this regard, please do not hesitate to contact:

Name: Procurement Office

Office Telephone No.: 011 386 6000 E-mail: procurementcorporate@nhls.ac.za

SUBMISSION DATA

Clause number	Submission Data
	This Request for quotations intended to allow the successful bidder to specify and present their skills and expertise for the above mentioned services to CIDB. Final acceptance of any quotation is not guaranteed, this being the exclusive right of CIDB.
	Terms and conditions of expression of interest (Annex D as published/ amended by CIDB in August 2019) contained in Annex D of the CIDB Standard for Uniformity in Engineering and Construction Works Contracts (August 2019) as published in Government Gazette No 42622, Board Notice 423 of 2019 of 08 August 2019. (See www.cidb.org.za).
	The standard conditions of expression of interest for procurements make several references to the submission data for details that apply specifically to this quotation. The submission data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the standard conditions of tender.
	Each item of submission data given below is cross-referenced to the clause in the standard conditions of tender to which it mainly applies.
E.1.1	The employer is the NHLS
E.1.2	For this contract, the following documents will be adopted:
	The single volume procurement document issued by the employer comprises of the following:
	The Request for quotation
	Part E1: Tendering procedures
	E1.1 - Notice and invitation to Submit Proposal E1.2 - Submission data
	Part E2: Returnable documents
	E2.1 - List of returnable documents
	E2.2 - Returnable schedules
	The Contract
	Part C1 - Agreements and Contract data
	C1.1 – Form of offer and acceptance C1.2 – Contract data
	Part C2 - Pricing Data
	C2.1 – Pricing Instructions
	Part C3 - Scope of Works
	C3.1 – Description of the works
	C3.3 - Annexures
	Part C4 - Site Information
E.1.4	The Employer's agent for the purpose of this quotation is deemed to be the authorised and designated representative of the Employer: Name: Procurement Office

	E-mail Address: procurementcorporate@nhls.ac.za
E.1.5	Cancellation and Re-Invitation of Tenders
E.1.5.1	An employer may, prior to the award of the tender, cancel a tender if- a) due to changed circumstances, there is no longer a need for the engineering and construction works specified in the invitation; b) funds are no longer available to cover the total envisaged expenditure; or c) no acceptable tenders are received. d) there is a material irregularity in the tender process.
E.1.5.2	The decision to cancel request for quotation must be published in the same manner in which the original request for quotation was advertised
E.1.5.3	An employer may only with the prior approval of the relevant treasury cancel request for quotation invitation for the second time.
E.1.6	Procurement procedures
E.1.6.1	Unless otherwise stated in the submission data, a contract will, subject to E.3.13, be concluded with the tenderer who in terms of E.3.11 is the highest ranked or the tenderer scoring the highest number of tender evaluation points, as relevant, based on the tender submissions that are received at the closing time for tenders.
E.1.6.2	Competitive negotiation procedure
E.1.6.2.1	Where the submission data require that the competitive negotiation procedure is to be followed, tenderers shall submit tender offers in response to the proposed contract in the first round of submissions. Notwithstanding the requirements of E.3.4, the employer shall announce only the names of the tenderers who make a submission. The requirements of E.8 relating to the material deviations or qualifications which affect the competitive position of tenderers shall not apply.
E.1.6.2.2	All responsive tenderers or at least a minimum of not less than three responsive tenderers that are highest ranked in terms of the evaluation criteria stated in the submission data shall be invited to enter into competitive negotiations based on the principle of equal treatment, keeping confidential the proposed solutions and associated information. Notwithstanding the provisions of E.2.17, the employer may request that tenders be clarified, specified and fine-tuned in order to improve a tenderer's competitive position provided that such clarification, specification, fine-tuning or additional information does not alter any fundamental aspects of the offers or impose substantial new requirements which restrict or distort competition or have a discriminatory effect.
E.1.6.2.3	At the conclusion of each round of negotiations, tenderers shall be invited by the employer to revise their tender offer based on the same evaluation criteria, with or without adjusted weightings. Tenderers shall be advised when they are to submit their best and final offer.
E.1.6.2.4	The contract shall be awarded in accordance with the provisions of E.3.11 and E.3.13 after tenderers have been requested to submit their best and final offer.
E.2	Tenderer's obligations

E.2.1 Eligibility Only those tenderers who satisfy the following criteria are eligible to submit tenders: a) CIDB registration Only tenderers who are already registered in terms of the Construction Industry Development Regulations 25(2) in CIDB grading designation **2GB** or higher are eligible to submit quotation. For the sake of clarity and subject to satisfactory proof of a tenderer's ability to perform the work specified at the tendered value, the Employer lists in the table below the margins it considers reasonable. However, in the event that the sum tendered exceeds the margins shown then such tender shall be deemed non-responsive. Category of tender Upper limits per CIDB Regulation 17 Employer's allowable margins R0.5 m The Employer will use its discretion in terms of CIDB Practice Note 3 on 2 R1.0 m allowable margins to be accepted 3 R3.0 m R6.0 m 5 R10.0 m 6 R20.0 m 7 R60.0 m R200.0 m E.2.1.1 Only those bidders who satisfy the following eligibility criteria are eligible to submit bids: (a) Availability of resources (b) Availability of skills to manage and perform the contract (c) Previous experience on contracts of a similar value and nature (d) A letter on the companies' letterhead stating that the contractor has sufficient capacity to execute the project (e) Material Data Sheet F.2.2 **Cost of Tendering** E.2.2.1 The Employer will not compensate the tenderer for any costs incurred in attending interviews or making any submissions in the office of the Employer E.2.2.2 The cost of the tender documents charged by the employer shall be limited to the actual cost incurred by the employer for printing the documents. Employers must attempt to make available the tender documents on its website so as not to incur any costs pertaining to the printing of the tender documents. E.2.3 **Check documents**

	Check the tender documents on receipt for completeness and notify the employer of any discrepancy or omission.
E.2.4	Confidentiality and copyright of documents
	Treat as confidential all matters arising in connection with the tender. Use and copy the documents issued by the employer only for the purpose of preparing and submitting a tender offer in response to the invitation.
E.2.6	Acknowledge addenda
	Acknowledge receipt of addenda to the tender documents, which the employer may issue, and if necessary apply for an extension to the closing time stated in the submission data, in order to take the addenda into account.
E.2.7	Clarification meeting
	A compulsory clarification meeting with representatives of the Employer will take place at NHLS, NO.1 Modderfontein Road, Sandringham. N/A
	Tenderers must sign the attendance list in the name of the tendering entity. Addenda will be issued to and tenders will be received only from those tendering entities appearing on the attendance list.
E.2.8	Seek clarification
	Request clarification of the tender documents, if necessary, by notifying the employer at least five (5) working days before the closing time stated in the submission data.
E.2.9	Insurance
	Be aware that the extent of insurance to be provided by the employer (if any) might not be for the full cover required in terms of the conditions of contract identified in the contract data. The tenderer is advised to seek qualified advice regarding insurance.
E.2.10	Pricing the tender offer
E.2.10.3	This contract shall not be subject to Contract Price Adjustments, foreign fluctuations, etc and all rates and prices shall remain FIXED, final and binding for the full duration of this contract.
E.2.11	Alterations to documents
	Do not make any alterations or additions to the tender documents, except to comply with instructions issued by the employer, or necessary to correct errors made by the tenderer. All signatories to the tender offer shall initial all such alterations.
E.2.12	Alternative tender offers
	No alternative tender offers will be considered
E.2.13	Submitting a tender offer
E.2.13.1	Submit one tender offer only as a single tendering entity to provide the whole of the works identified in the contract data and described in the scope of works, unless stated otherwise in the submission data.
E.2.13.2	Return all returnable documents to the employer after completing them in their entirety, either electronically (if they were issued in electronic format) or by writing legibly in non-erasable ink.

E.2.13.3	Submit the parts of the tender offer communicated on paper as an original plus the number of copies stated in the submission data, with an English translation of any documentation in a language other than English, and the parts communicated electronically in the same format as they were issued by the employer.
E.2.13.4	Sign the original and all copies of the tender offer where required in terms of the submission data. The employer will hold all authorized signatories liable on behalf of the tenderer. Signatories for tenderers proposing to contract as joint ventures shall state which of the signatories is the lead partner whom the employer shall hold liable for the purpose of the tender offer.
E.2.13.5	Seal the original and each copy of the tender offer as separate packages marking the packages as "ORIGINAL" and "COPY". Each package shall state on the outside the employer's address and identification details stated in the submission data, as well as the tenderer's name and contact address.
E.2.13.6	Bidders are requested to deliver the submission in two envelopes . The Employer's address for delivery of tender offers and identification details to be shown on each tender offer package are:
	Title to appear on envelope or attachment one(1):
	1. RFQ NO: 1918764 – SUPPLY, REPAIR, INSTALL AND REPLACE EXISTING IRRIGATION SYSTEM FOR FACILITIES AT NHLS SANDRINGHAM.
	This envelope must contain the Returnables, SCM Documentation and Relevant Annexures. This envelope must contain printed copies of all the pages in this document, duly completed and signed, but excluding the pricing schedules (schedule of quantities), which must be submitted in a separate envelope as detailed below.
	Title to appear on envelope or attachment ONE(1):
	2. RFQ NO.: (FINANCIAL QUOTATIONS)
	This envelope will contain the Pricing Schedules (Bills of Quantities) and Contract Agreement
	For identification purposes, bidders are requested to ensure that the envelopes containing the company's bids are clearly marked, and are easily identifiable by the company's logo or name.
	Location of tender box : No 1 Modderfontein Road Sandrigham 2130, Head Office Reception
	Physical address: No 1 Modderfontein Road, Sandrigham, 2130 Identification details: RFQ BOX
E.2.13.7	Seal the original tender offer and copy packages together in an outer package that states on the outside only the employer's address and identification details as stated in the submission data.
E.2.13.8	Accept that the employer will not assume any responsibility for the misplacement or premature opening of the tender offer if the outer package is not sealed and marked as stated.
E.2.13.9	Accept that tender offers submitted by telegraphic , telephonic , telex , facsimile and late quotation will not be accepted by the employer.
E.2.14	Information and data to be completed in all respects
	Accept that tender offers, which do not provide all the data or information requested completely and, in the form, required, may be regarded by the employer as non-responsive.
E.2.15	Closing time 11H00AM

	The closing time for submission of Quotation is 25 OCTOBER 2024 at 11h00 AM . CIDB is not obliged to accept the lowest or any tender and reserves the right to accept any tender in whole or
	in part.
E.2.16	The tender offer validity period is 12 weeks from the closing date.
E.2.17	Clarification of tender offer after submission Provide clarification of request for quotation response to a request to do so from the employer during the evaluation of tender offers. This may include providing a breakdown of rates or prices and correction of arithmetical errors by the adjustment of certain rates or item prices (or both). No change in the competitive position of tenderers or substance of the tender offer is sought, offered, or permitted.
E.2.18.2	The Tenderer shall, when requested by the Employer to do so, submit the names of all management and supervisory staff that will be employed to supervise the labour-intensive portion of the works together with satisfactory evidence that such staff members satisfy the eligibility requirements.
E.2.19	Inspections, tests and analysis Provide access during working hours to premises for inspections, tests and analysis as provided for in the submission data.
E.2.20	Submit securities, bonds and policies If requested, submit for the employer's acceptance before formation of the contract, all securities, bonds, guarantees, policies and certificates of insurance required in terms of the conditions of contract identified in the contract data.
	Provide access during working hours to premises for inspections, tests and analysis as provided for in the submission data.
E.2.23	The Tenderer is required to submit with his/her tender all documents and schedules listed under E2.1 and E2.2.
Add the following	Canvassing and obtaining of additional information by tenderers
new clause E.2.24	The Tenderer shall not make any attempt either directly or indirectly to canvass any of the Employer's officials or the Employer's agent in respect of his tender, after the opening of the tenders but prior to the Employer arriving at a decision thereon.
	The Tenderer shall not make any attempt to obtain particulars of any relevant information, other than that disclosed at the opening of tenders.
Add the following	Prohibitions on awards to persons in service of the state
new clause	The Employer is prohibited to award a quotation to a person -
E.2.25	a) who is in the service of the state; or
	b) if that person is not a natural person, of which any director, manager, principal shareholder or stakeholder is a person in the service of the state; or
	c) a person who is an advisor or consultant contracted with the Department.
	In the service of the state means to be -
	a) a member of:-
	any municipal council;

	any manifestal lagislatura, an			
	any provincial legislature; or the Netional Assembly or the Netional Council of Provinces:			
	the National Assembly or the National Council of Provinces; The National Assembly or the National Council of Provinces; The National Assembly or the National Council of Provinces;			
	b) a member of the board of directors of any municipal entity;			
	c) an official of any municipality or municipal entity;			
	d) an employee of any national or provincial department;			
	e) provincial public entity or constitutional institution within the meaning of the Public			
	Finance Management Act, 1999 (Act No.1 of 1999);			
	f) a member of the accounting authority of any national or provincial public entity; or			
	g) An employee of Parliament or a provincial legislature.			
	In order to give effect to the above, the questionnaire for the declaration of interests in the tender of persons in service of state in part E2 of this procurement document must be			
	completed.			
E.3	The employer's undertakings			
E.3.1	Respond to requests from the tenderer			
	The Employer will respond to requests for clarification received up to five (5) working days before the tender closing time.			
E.3.2	Issue Addenda			
	Addenda will be issued until five (5) working days before the tender closing time.			
E.3.9	Arithmetical errors, omissions and discrepancies			
E.3.9.1	Check the highest ranked tenders or tenderers with the highest number of tender			
	evaluation points after the evaluation of tender offers in accordance with E.3.11 for:			
	a) the gross misplacement of the decimal point in any unit rate;			
	b) omissions made in completing the pricing schedule or bills of quantities; or			
	c) arithmetic errors in:			
	 i) line item totals resulting from the product of a unit rate and a quantity in bills of quantities or schedules of prices; or the summation of the prices. 			
E.3.9.2	The arithmetical errors shall be corrected in the following manner:			
	a) Where there is a discrepancy between the amounts in words and amounts in figures, the amount in			
	words shall govern. b) If hills of quantities or pricing schedules apply and there is an error in the line item total resulting from			
	b) If bills of quantities or pricing schedules apply and there is an error in the line-item total resulting from the product of the unit rate and the quantity, the line item total shall govern and the rate shall be			
	corrected. Where there is an obviously gross misplacement of the decimal point in the unit rate, the line			
	item total as quoted shall govern, and the unit rate shall be corrected.			
	c) Where there is an error in the total of the prices either as a result of other			
	Corrections required by this checking process or in the tenderer's addition of prices, the total of the prices shall govern and the tenderer will be asked to revise selected item prices (and their rates if bills of quantities apply) to achieve the tendered total of the prices.			

The Tender Offer will be rejected if the tenderer does not correct or accept the Correction of the arithmetical error
in the manner described above.

E.3.11 Functionality, Price and Preference

The purpose of the evaluation is to ensure and promote compliance with the Constitution, specifically Section 217, which provides that when organs of state contract for goods or services, they must do so in accordance with a system which is fair, equitable, transparent, competitive and cost-effective. The evaluation of bids will be undertaken in 3 stages.

Technical Quotation

Administrative. / Mandatory Requirements

The Technical quotation will be evaluated on Administrative. / Mandatory Requirements and Functionality.

Bidders who fail to meet the minimum requirements for the Technical quotation will not be considered further.

Financial Quotation will be evaluated on price and B-BBEE specific goals as outlined in this document.

During this phase bid documents will be reviewed to determine the compliance with Standard Bidding Documents (SBD), SCM returnable, tax matters and contractor had registered on Central Data Base (CSD) and Construction Industry Development Board (CIDB). All returnable documents must be submitted with the bid documents at the closing date and time of the bid. Bids which do not satisfy the compliance criteria will be disqualified and will not be evaluated further on pre-qualification criteria.

The bid quotation will be screened for compliance with administrative requirements as indicated below and bidders must circle the correct answer

Item No.	Administrative Requirements	Check/Compliance	Non- submission shall result in disqualificatio n
1	Master Bid Document	provided and bound	*YES
2	1 Copy of Bid Document	provided and bound	**NO
Included in the B	id Document	'	-
4	SCM - SBD 1 - Invitation to Bid	Completed and signed	*YES
5	SCM - SBD 2 - Tax Clearance Certificate Requirements	Attached CSD registration number/SARS PIN and CSD summary report	*YES
6	SCM - SBD 4 - Declaration of Interest	Completed and signed	*YES
7	SCM - SBD 6.1 - Preference Points Claim Form in terms of the Preferential Procurement Regulations 2017	Completed and signed	*YES
8	SCM - SBD 8 – Declaration of Bidder's	Completed and signed	*YES

	of good/ works			
			Completed and signed	*YES
	10	SCM - SBD 9 - Certificate of Independent Bid Determination	Completed and signed	*YES
	11	In case of bids where Consortia / Joint Ventures, Consortia/Joint Venture agreement signed by both parties must be submitted with bid quotation	JV agreement completed and signed, if applicable	*YES

^{*}YES – Cidb reserves the right to reject quotations that are not submitted in the prescribed format or where information presented is illegible or incomplete and will not be further evaluated for Mandatory Requirements (Phase 2)

Functionality

The Functional Evaluation will be carried out to assess the Bidder's suitability to undertake the project, the Bidder's Company Experience, Key Personnel Experience, Quotation with project plan and delivery capacity will be evaluated.

Bidders who fail to obtain a minimum 70% for functionality will not be considered further.

i) Functional Evaluation Criterion Summary

The maximum points allocation per criterion is summarised in the following table:-

CRITERION	POINTS
Company experience	30
Location Details	30
Proven and Contactable Track Record and experience of Roof Services	20
Bidder to Provide Copy of Standby Maintenance Commercial Vehicle	20
TOTAL POINTS	100

The following values/ indicators will be applicable when evaluating functionality: refer to terms of reference for more details

^{**}NO – Cidb reserves the right to request such information during the evaluation process of the quotation and such information must be presented within short notice.

E.3.13.1	Request for quotationwill only be accepted on condition that:				
	 a) the tenderer is registered with the Construction Industry Development Board in an appropriate contractor grading designation; 				
	 the bidder or any of its directors is not listed in the Register of Bid Defaulters in terms of the Prevention and Combating of Corrupt Activities Act of 2004 as a person prohibited from doing business with the public sector; 				
	c) the bidder has not: i. abused the Employer's Supply Chain Management System; or				
	ii. failed to perform on any previous contract and has been given a written notice to this effect.				
	d) Has completed the Compulsory Enterprise Questionnaire, SBD4, 6.1, 7.1, 8,9 and there are no conflicts of interest which may impact on the tenderer's ability to perform the contract in the best interests of the employer or potentially compromise the tender process				
	Has submitted the documentation listed in E2.21 and E2.22				
E.3.18	The number of paper copies of the signed contract to be provided by the employer is ONE.				

PART E2: RETURNABLE DOCUMENTS AND SCHEDULES

E2.1 LIST OF RETURNABLE DOCUMENTS

The following documents must be returned by the Bidder for evaluation purposes in addition to the Schedule listed in previous paragraphs. Failure to supply the documents listed below will result in disqualification.

(FA	THE FOLLOWING DOCUMENTS MUST BE FURNISHED AILURE TO SUBMIT COMPULSORY DOCUMENTATION WILL RESULT IN YOUR BID BEING DISQUALIFIED)	YES	NO
1	Tax Compliance (Provide PIN)	Yes 🗌	No 🗌
2	B-BEE Certificate issued by SANAS accredited verification agent/ OR AFFIDAVIT FOR EME/QSE ON DTI FORMAT	Yes	No 🗌
3	Proof of valid registration with CIDB	Yes 🗌	No 🗌
4	Signed Declaration of Interest	Yes 🗌	No 🗌
5	Certificate of Independent Bidder determination	Yes 🗌	No 🗌
6	Valid COID certificate issued by the Department of Labour	Yes 🗌	No 🗌
7	Submit an original Briefing session certificate of attendance	Yes	No 🗌
8	Fully Completed and Signed all other SBD forms	Yes 🗌	No 🗌

FORM B: VENDOR NUMBER REGISTRATION WITH CENTRAL SUPPLIER DATABASE

1. Bidders must submit Vendor Number Registration with Central Supplier Database

2.	Failure to submit the V disqualified.	/endor Number Registration with Central Supplier Database may result with the bidder being
	ENTITY NAME	
	CSD REGISTRATION No:	
	NAME	
	SIGNATURE OF BIDDER	
	DATE	
	CAPACITY UNDER W BID IS SIGNED	/HICH

FORM C: TAX COMPLIANCE

CONDITIONS PERTAINING TO TAX

TAX CLEARANCE CERTFICATE REQUIREMENTS

It is a condition of bid that the taxes of the successful bidder <u>must</u> be in order, or that satisfactory arrangements have been made with South African Revenue Service (SARS) to meet the bidder's tax obligations.

- 1. Any person who requires his or her tax compliance status to be disclosed to a Government institution or department, for purposes of submitting a bid or to confirm its good standing after the phasing out of paper based TCCs must request a unique security personal identification number (PIN) from SARS.
- Very important to note is that the disclosure of a bidder's tax compliance status is an express condition for all acceptable Government bids. Failure to make the relevant disclosures will invalidate your bid and your response will be null and void.
- 3. The Government institution or department must use the PIN referred to above to verify a person's tax compliance status with SARS.
- 4. Bidders to complete the table below and provide a unique security personal identification number (PIN) from SARS which will enable the MW to access online real-time verification of a person's tax compliance status with the electronic Tax Compliance Status (TCS) system. Failure to submit the PIN may result in the bid being disqualified.

F	Full name of bidder:	Electronic Tax Compliance Status System PIN No:		
NAME	E:			
	ATURE OF BIDDER			

DATE_____

CAPACITY UNDER WHICH BID IS SIGNED_____

FORM D: PREFERENCE SCHEDULE

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2017

This preference form must form part of all bids invited. It contains general information and serves as a claim form for preference points for Broad-Based Black Economic Empowerment (B-BBEE) Status Level of Contribution

NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF B-BBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017.

1. GENERAL CONDITIONS

- 1.1 The following preference point systems are applicable to all bids:
 - the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
 - the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2

- a) The value of this bid is estimated to be below R50 000 000 (all applicable taxes included) and therefore the 80/20 preference point system shall be applicable;
- 1.3 Points for this bid shall be awarded for:
 - (a) Price: and
 - (b) B-BBEE Status Level of Contributor.
- 1.4 The maximum points for this bid are allocated as follows:

	POINTS
PRICE	80
Specific Goals	20
Total points for Price and Specific Goals must not exceed	100

- 1.5 Failure on the part of a bidder to submit proof of B-BBEE Status level of contributor together with the bid, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.
- 1.6 The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

2. DEFINITIONS

- (a) **"B-BBEE"** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- (b) "B-BBEE status level of contributor" means the B-BBEE status of an entity in terms of a code of good practice on black economic empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- (c) "bid" means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of goods or services, through price quotation, advertised competitive bidding processes or quotations;
- (d) "Broad-Based Black Economic Empowerment Act" means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (e) "EME" means an Exempted Micro Enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (f) "functionality" means the ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents.
- (g) "prices" includes all applicable taxes less all unconditional discounts;
- (h) "proof of B-BBEE status level of contributor" means:
 - 1) B-BBEE Status level certificate issued by an authorized body or person;
 - 2) A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice;
 - 3) Any other requirement prescribed in terms of the B-BBEE Act;
- (i) "QSE" means a qualifying small business enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;

PART 1

(j) "rand value" means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;

POINTS AWARDED FOR SPECIFIC GOALS

4.1.In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation

stated in the conditions of this tender:

4.2.In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is

unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender

documents, stipulate in the case of-

(a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point

system will apply and that the highest acceptable tender will be used to determine the applicable preference

point system; or

(b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the

lowest acceptable tender will be used to determine the applicable preference point system,

then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20

preference point system.

Points awarded for historically disadvantaged individuals

Preference points for HDI's are calculated on their percentage shareholding in a business, provided that they

are actively involved in and exercise control over the enterprise. The following formula is prescribed

Where:

NEP = Points awarded for equity ownership by an HDI

NOP = The maximum number of points awarded for equity by an HDI in that specific category

EP = The percentage of equity ownership by an HDI within the enterprise or business, determined in

accordance with the definition of HDI's.

A consortium or joint venture (including unincorporated consortia and joint ventures) must submit a

consolidated B-BBEE Status Level Verification certificate for every separate tender

Table 1: Specific goals for the tender and points claimed are indicated per the table below.

(Note to organs of state: Where either the 90/10 or 80/20 preference point system is applicable, corresponding points must also be indicated as such.

Note to tenderers: The tenderer must indicate how they claim points for each preference point system.POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTOR

2.1 In terms of Regulation 6 (2) and 7 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the Specific Goals status level of contribution in accordance with the table below:

The specific goals allocated points in terms of this tender	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)	Percentage owned (To be completed by the tenderer)	Number of points claimed (80/20 system) (To be completed by the tenderer)
HDI		6		%	
WOMAN		4		%	
DISABLED		1		%	
YOUTH		4		%	
Locality		5			
• City of Johannesburg = 5					
• Gauteng Province = 2					
National = 0					

TOTAL	POINTS			20				
BID	DECLA	RATION						
	2.2	Bidders followin	s who claim points g:	in respect o	of Specific Go	als Status Level of	f Contribution mus	st complete th
3.	SPE	CIFIC GO	ALS STATUS LEVI	EL OF CON	TRIBUTOR CI	_AIMED IN TERMS	OF PARAGRAPI	HS 1.4 AND 4
	3.1	`	c Goals = claimed in respect claimed in respect claimed in respect claims.	of paragraph		accordance with the		n paragraph 4
4.	QIID.	-CONTRA		ay rolovalle	p. 66. 61 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	io ocalo ciatao loro		
4.	4.1		portion of the contr	act he sub-	contracted?			
			licable box)	act be sub t	oonii dolod :			
	(<u> </u>	-				
		YES	NO					
	4.1.1	If yes	, indicate:					
		i)	What percentage of	of the contra	act will be subc	ontracted		%?
		ii)	The name of the s	ub-contracto	or			
		iii)	The B-BBEE statu	s level of the	e sub-contracto	or		
		iv)	Whether the sub-c	ontractor is	an EME or QS	Ε		
			(Tick applicable k	box)				
			YES	NO				
		v)	Specify, by ticking Procurement Regu			contracting with an	enterprise in term	s of Preferenti
		Designa	ted Group: An EME	or QSE whi	ich is at last 51	% owned by:	EME	QSE
		Black pe					\	V
		•	eople who are youth					
		•	eople who are wome					
		•	eople with disabilities		lowed cases a	a taumahin -		
		Riack be	eople living in rural o	r unaeraeve	eioped areas oi	townsnips		

Cooperative owned by black people

Black people who are military veterans	
OR	
Any EME	
Any QSE	

5.	DECI	LARATION WITH REGARD TO COMPANY/FIRM
	5.1	Name of company/firm :
	5.2	VAT registration number :
	5.3	Company registration number :
	5.4	TYPE OF COMPANY/ FIRM
		 □ Partnership/Joint Venture / Consortium □ One person business/sole propriety □ Close corporation □ Company □ (Pty) Limited [TICK APPLICABLE BOX]
	5.5	DESCRIBE PRINCIPAL BUSINESS ACTIVITIES
	5.6	COMPANY CLASSIFICATION Manufacturer Supplier Professional service provider Other service providers, e.g. transporter, etc. [TICK APPLICABLE BOX]
	5.7	Total number of years the company/firm has been in business:
	5.8	I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the Specific Goals status level of contributor indicated in paragraphs 1.4 and 6.1 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we acknowledge

i) The information furnished is true and correct;

that:

- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4

- and 6.1, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
- iv) If the B-BBEE status level of contributor has been claimed or obtained on a fraudulent basis or any
 of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other
 remedy it may have
 - (a) disqualify the person from the bidding process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) recommend that the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury from obtaining business from any organ of state for a period not exceeding 10 years, after the audi alteram partem (hear the other side) rule has been applied; and
 - (e) forward the matter for criminal prosecution.

WITNES	SES	
1.	·	DATE
2.	·	ADDRESS_

SIGNATURE(S) OF BIDDERS(S)
DATE.
ADDRESS_

FORM E: PROOF OF REGISTRATION WITH CIDB

- 1. Attach proof of CIDB registration to this page.
- 2. In the case of a joint venture / consortium (excluding consulting engineering partners) parties must each attach original or certified copy of their CIDB registration certificate.

Firm	CRS Number	CIDB Grading	Lead Partner (Indicate with X)

Combined CIDB Grading for Joint Venture / Consortiur	1:	
--	----	--

(Calculator is available at $\underline{\text{https://registers.cidb.org.za/common/jvcalc.asp}}\)$

The undersigned, who warrants that he / she is duly authorised to do so on behalf of the enterprise, confirms that the contents of this schedule are within my personal knowledge and are to the best of my belief both true and correct.		
Person authorized to sign the bid:		
Full name (in BLOCK letters):		
Signature:		
Date:		

FORM F: DECLARATION OF INTEREST

- 1. No bid will be accepted from persons in the service of the state1.
- 2. Any person, having a kinship with persons in the service of the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid. In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons connected with or related to persons in service of the state, it is required that the bidder or their authorised representative declare their position in relation to the evaluating/adjudicating authority.
- 3. In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.
- 3.1 Full Name of bidder or his or her representative:
- 3.2 Identity Number:
- 3.3 Position occupied in the Company (director, trustee, shareholder²):
- 3.4 Company Registration Number:
- 3.5 Tax Reference Number:

1SCM Regulations: "in the service of the state" means to be -

(a) a member of -

^ ^

3.8

- (i) any municipal council;
- (ii) any provincial legislature; or
- (iii) the national Assembly or the national Council of provinces;
- (b) a member of the board of directors of any municipal entity;
- (c) an official of any municipality or municipal entity;
- (d) an employee of any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No.1 of 1999);
- (e) a member of the accounting authority of any national or provincial public entity; or
- (f) an employee of Parliament or a provincial legislature.

VAT De mietretiere Niverber

² Shareholder" means a person who owns shares in the company and is actively involved in the management of the company or business and exercises control over the company.

3.0	VAT Registration Number
3.7	The names of all directors / trustees / shareholders members, their individual identity numbers and state

employee numbers must be indicated in paragraph 4 below.

Are you presently in the service of the state? ______YES / NO

3.8.1 If yes, furnish particulars

3.9	Have you been in the service of the state for the past twelve months?	YES / NO
3.9.1	If yes, furnish particulars	-
3.10	Do you have any relationship (family, friend, other) with persons in the service of the state and who involved with the evaluation and or adjudication of this bid?	
3.10.1	If yes, furnish particulars	
3.11	Are you, aware of any relationship (family, friend, other) between any other bidder and any persons service of the state who may be involved with the evaluation and or adjudication of this bid?	-
3.11.1	If yes, furnish particulars.	
3.12	Are any of the company's directors, trustees, managers, principle shareholders or stakeholders in state?	ervice of
3.12.1	If yes, furnish particulars	-
3.13	Are any spouse, child or parent of the company's directors, trustees, managers, principle sharehold stakeholders in service of the state?	lers or YES / NO
3.13.1	If yes, furnish particulars	
3.14	Do you or any of the directors, trustees, managers, principle shareholders, or stakeholders of this c have any interest in any other related companies or business whether or not they are bidding for this	is contract.
3.14.1	If yes, furnish particulars	
		1.

4	Full datation of discontains	- / 4 4	/ a la a	/ - - - - - -
4.	Full details of directors	s / trustees .	/ members :	/ snarenoiders.

Full Name	Identity Number	State Employee Number

Signature	Date
Capacity	Name of Bidder

FORM G: DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

- 1 This Standard Bidding Document must form part of all bids invited.
- 2 It serves as a declaration to be used by institutions in ensuring that when goods and services are being procured, all reasonable steps are taken to combat the abuse of the supply chain management system.
- 3 The bid of any bidder may be disregarded if that bidder, or any of its directors have
 - a. Abused the institution's supply chain management system;
 - b. committed fraud or any other improper conduct in relation to such system; or
 - c. failed to perform on any previous contract.
- In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

Item	Question	Yes	No
4.1	Is the bidder or any of its directors listed on the National Treasury's Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector?	Yes	No
	(Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the audi alteram partem rule was applied).		
	The Database of Restricted Suppliers now resides on the National Treasury's website (www.treasury.gov.za)and can be accessed by clicking on its link at the bottom of the home pg		
4.1.1	If so, furnish particulars:		
4.2	Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)?	Yes	No
	The Register for Tender Defaulters can be accessed on the National Treasury's website (www.treasury.gov.za) by clicking on its link at the bottom of the home page.		
4.2.1	If so, furnish particulars:		
4.3	Was the bidder or any of its directors convicted by a court of law (including a court outside of the Republic of South Africa) for fraud or corruption during the past five years?	Yes	No
4.3.1	If so, furnish particulars:		
4.4	Was any contract between the bidder and any organ of state terminated during the past five years on account of failure to perform on or comply with the contract?	Yes	No
4.4.1	If so, furnish particulars:		

CERTIFICATION

I, THE	, THE UNDERSIGNED (FULL NAME) CERTIFY THAT THE NFORMATION FURNISHED ON THIS DECLARATION FORM TO BE TRUE AND CORRECT.						
SHOU	ULD 1	THIS DECLAR	ATION PROVE TO BE FA				IST ME
		SIGNATUR			DATE		
		POSITION		NAME (OF BIDDER	•••••	
			CT DECLARATION AND				
The	Bidd	er declares hir	n/herself/herself to be con	versant with the following:			
1.	 All the requirements, regulations and standards of the Occupational Health and Safety Act (Act 85 of 1993) hereinafter referred to as "The Act", together with its amendments and with special reference to the following Sections of the Act: 				, .		
	i)	Section 8:	General duties of Employ	yers to their employees			
	ii) 	Section 9:	·	yers and self-employed persons to	o persons other th	nan employ	ees.
	iii)	Section 13:	•				
	iv)	Section 37:	Acts or omissions by em	· •			
	v)			se and meaning of this Agreemen			
2.	Construction Regulations, 2014 (Government Notice R.84) pertaining to the Contractor and to all his Subcontractors, or any amendments thereto.			all his			
3.	. Bid document Volume 3: Project Specification PD: Supplement to Volume 5: Specification for Occupational Health and Safety.			l Health			
4.	Bid document Volume 3: C1.7 Agreement in terms of Occupational Health and Safety Act.						
			at he has or will obtain the nts should he be awarded	necessary knowledge, competend the contract.	ce and resources	to comply t	fully
	Bidd uirem		at he has included with his	bid a written quotation describing	how he will comp	ply with OH	S
Sigr	nature	e		Date			
Nan	ne			Capacity			
Bido	der	_					

FORM J: SCHEDULE OF BIDDER'S EXPERIENCE

CIDB shall not be held responsible for incorrect judgement misled by unclear written letters/words on the forms below, to be completed by the Bidder(s). Attachment shall strictly be made where specified and at the correct location, any attachment other than what has been requested by cidb, shall be completely ignored, and scored zero, where points allocation is required.

When completing Forms, Bidder(s) may make copies of the original Forms, should the provided forms be inadequate for their completion of the information required. Forms must be hand completed in black ink, no computer regenerated forms will be accepted. Forms must be completed in full, forms not completed in full shall be rejected by scoring zero.

PART C1: AGREEMENT AND CONTRACT DATA

C1.1: FORM OF OFFER AND ACCEPTANCE

Offer

The employer, identified in the acceptance signature block, has solicited offers to enter into a contract for the procurement
of:
The tenderer, identified in the offer signature block, has examined the documents listed in the submission data and addenda thereto as listed in the returnable schedules, and by submitting this offer has accepted the conditions of tender. By the representative of the tenderer, deemed to be duly authorized, signing this part of this form of offer and acceptance, the tenderer offers to perform all of the obligations and liabilities of the contractor under the contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the conditions of contract identified in the contract data.
THE OFFERED TOTAL OF THE PRICES INCLUSIVE OF VALUE ADDED TAX IS:
Rand. (in words); R. (in figures)
This offer may be accepted by the employer by signing the acceptance part of this form of offer and acceptance and returning one copy of this document to the tenderer before the end of the period of validity stated in the submission data, whereupon the tenderer becomes the party named as the contractor in the conditions of contract identified in the contract data.
Signature(s)
for the tandarar

(Name and
Name and signature of witness
By signing this part of this form of offer and acceptance, the employer identified below accepts the tenderer's offer. In consideration thereof, the employer shall pay the contractor the amount due in accordance with the conditions of contract identified in the contract data. Acceptance of the tenderer's offer shall form an agreement between the employer and the tenderer upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement.
The terms of the contract are contained in:
Part C1: Agreements and contract data (which includes this agreement) Part C2: Pricing data Part C3: Scope of work Part C4: Site information
and drawings and documents or parts thereof, which may be incorporated by reference into the above listed Parts.
Deviations from and amendments to the documents listed in the submission data and any addenda thereto as listed in the returnable schedules as well as any changes to the terms of the offer agreed by the tenderer and the employer during this process of offer and acceptance, are contained in the schedule of deviations attached to and forming part of this form of offer and acceptance. No amendments to or deviations from said documents are valid unless contained in this schedule.
The tenderer shall within two weeks after receiving a completed copy of this agreement, including the schedule of deviations (if any), contact the employer's agent (whose details are given in the contract data) to arrange the delivery of any securities, bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the conditions of contract identified in the contract data. Failure to fulfill any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.
Notwithstanding anything contained herein, this agreement comes into effect on the date when the tenderer receives one fully completed original copy of this document, including the schedule of deviations (if any). Unless the tenderer (now contractor) within five working days of the date of such receipt notifies the employer in writing of any reason why he cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the parties.
Signature(s)
Name(s)
Capacity
Name and

signature

of v	vitness Date		
Sch	nedule of Deviations		
Not	tes:		
1.	The extent of deviations from the tender documents issued by the Employer prior to the tender closing date is limited to those permitted in terms of the Conditions of Expression of Interest,		
2.	A Tenderer's covering letter shall not be included in the final contract document. Should any matter in such letter, which constitutes a deviation as aforesaid, become the subject of Agreements reached during the process of offer and acceptance, the outcome of such Agreement shall be recorded here,		
3.	Any other matter arising from the process of offer and acceptance either as a confirmation, clarification or change to the tender documents and which it is agreed by the Parties becomes an obligation of the contract shall also be recorded here,		
4.	Any change or addition to the tender documents arising from the above Agreements and recorded here, shall also be incorporated into the final draft of the Contract,		
1 Subject			
	ubject		
	ubjectetails		
	ubject		

By the duly authorised representatives signing this Schedule of Deviations, the Employer and the Tenderer agree to and accept the foregoing Schedule of Deviations as the only deviations from and amendments to the documents listed in the Submission data and Addenda thereto as listed in the Tender Schedules, as well as any confirmation, clarification or change to the terms of the offer agreed by the Tenderer and the Employer during this process of offer and acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the Tender Documents and the receipt by the Tenderer of a completed signed copy of this Agreement shall have any meaning or effect in the Contract between the parties arising from this Agreement.

FOR THE TENDERER:		
Signature(s)		
Name(s)		
Capacity		
	[Name and address of organisation]	
Name and signature of witness		Date
FOR THE EMPLOYER:		
Signature(s)		
Name(s)		
Capacity		
	[Name and address of organisation]	
Name and signature of witness		Date
CONFIRMATION OF RE	ECEIPT	
•	nce part of this Agreement, of one fully	is Agreement, hereby confirms receipt from the Employer, completed original copy of this Agreement, including the
The	[day]	
of	[month]	
20[vear]		

at	[place]	
For the Contractor:	Signature	
	Name	
	Capacity	
Signature and name of witness:	Signature	
	Name	

C1.2 CONTRACT DATA

PROJECT TITLE:	THE APPOINTMENT OF A CONTRACTOR FOR THE
CONTRACT NO:	

C.1.2 Contract Data

The General Conditions of Contract for Construction Works, Third Edition (2015) published by the South African Institution of Civil Engineering, Private Bag X200, Halfway House, 1685, is applicable to this Contract and is obtainable from www.saice.org.za.

The General Conditions of Contract for Construction Works make several references to the Contract Data for specific data, which together with these conditions collectively describe the risks, liabilities and obligations of the contracting parties and the procedures for the administration of the Contract. The Contract Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the General Conditions of Contract.

Part 1: Data provided by the Employer

Clause	Data
1.1.1.13	Clause 1.1.1.13: Defects Liability Period
	The Defects Liability Period is 6 months, measured from the date of the Certificate of Completion
1.1.1.14	Clause 1.1.1.14: Due Completion Date
	The time for achieving Practical Completion is 2 months after the Commencement Date
1.1.1.15	The name of the Employer is NHLS, represented by and/or such persons or person duly
	authorised to be the Employer in writing.
1.1.1.26	The Pricing Strategy is a bill of quantities
1.2.1.2	The Employer's address for receipt of communications is:
	Quotation should be submitted to the following add:
2.4.1	"in the event of any ambiguity, conflict or discrepancy between the various contract documents, lists and
	schedules, the order of precedence (from highest to lowest) shall be as follows:
	The form of offer and acceptance
	Contract forms
	The contract data
	General conditions of contract (GCC 2015)
	Scope of Work
	SANS 1200 Standardised Specifications
	Site Information
	Construction drawings
	Bill of quantities

	The returnable schedules
3.1.3	The Contractor shall obtain the specific approval of the Employer before executing any of his functions or duties according to the following Clauses of the General Conditions of Contract: GCC 2015 3rd Edition
	1. Clause 5.8.1 Non-working times
	2. Clause 5.11.1 Suspension of the Works
	3. Clause 5.12.1 Approval of any extension of time for completion
	4. Clause 5.12.4 Acceleration of progress instead of extension of time
	5. Clause 5.13.2 Reduction of a penalty for delay
	6. Clause 6.3.2 The issuing of variation orders
	7. Clause 6.8.4 The determination of additional or reduced cost arising from changes in the legislation
	8. Clause 6.11 The agreeing of the adjustment of the sums for general items
	9. Clause 10.1.5 The giving of a ruling on a Contractor's claim
4.3.3	"The Employer and the Contractor hereby agree, in terms of the provisions of section 37 (2) of the Occupational Health & Safety Act, 1993 (Act 85 of 1993, hereinafter referred to as 'the Act') that the following arrangements and procedures shall apply between them to ensure compliance by the Contractor with the provisions of the Act, namely:
	a) The Contractor undertakes that the appropriate officials and employees of the Contractor will fully acquaint themselves with all relevant provisions of the Act and the Regulations promulgated in terms of the Act;
	b) The Contractor undertakes that all relevant duties, obligations and prohibitions imposed in terms of the Act and regulations will be fully complied with;
	c) The Contractor hereby accepts sole liability for such due compliance with the relevant duties, obligations and prohibitions imposed by the Act and Regulations, and expressly absolves the Employer from itself being obliged to comply with any of the aforesaid duties, obligations, and prohibitions; with the exception of such duties, obligations and prohibitions expressly assigned to the Employer in terms of the Act and its associated Regulations;
	d) The Contractor agrees that any duly authorised official of the Employer shall be entitled to take such steps as may be necessary to ensure that the Contractor has complied with his undertakings as set out more fully in paragraphs (a) and (b) above, which steps may include, but will not be limited to, the right to inspect any appropriate site or premises occupied by the Contractor, or to inspect any appropriate records or Safety Plans held by the Contractor;
	e) The Contractor shall be obliged to report forthwith to the Employer any investigation, complaint or criminal charge which may arise as a consequence of the provisions of the Act and regulations, pursuant to work performed in terms of this Contract, and shall, on written demand, provide full details in writing of such investigation, complaint or criminal charge;
5.3.1	Clause 5.3.1: Commencement of the Works
	The documentation required before commencement with Works execution are:

	T					1
	a) Health and Sb) Initial prograc) Securityd) Insurance					
5.3.2	Clause 5.3.2: Ti	meframe to delive	r documenta	ation		
	The time to subm	nit the documentation	on required b	efore commencen	nent with Works execution	n is fourteen
5.4.4	"The Contractor shall bear all costs and charges for special and temporary rights of way required by him/her in connection with access to the Site. The Contractor shall also provide at his own cost any additional facilities outside the Site required by him/her for the purposes of the Works."					
5.8.1	Clause 5.8.1: No	on-Working Times				
	The non-working	days are Saturday	s and Sunda	ys.		
	The special non-	working days are:				
	 All gazetted public holidays falling outside the year end break. The year-end break commencing on 14 December and ending on 7 January (Provisional). 					
5.12.2.	Clause 5.12.2.: Some reasons for extension of time					
	Clause 5.12.2.2: Abnormal climatic conditions.					
	Add the following:					
	Regardless of the cause of any delay an extension of time will only be considered if it can be shown that the activity delayed is on the critical path indicated on the Programme of Works (Clause 5.6.1).					
	Normal climatic of materials, strong activities exceed	conditions shall be on winds and extremed the number of whose deemed to exist	deemed to inc mes of temp orking days	clude normal rainf erature. However listed below for	ributed to normal climational and associated wet contain the event that delayeach month, then abnormal be granted in accordang	onditions and ys to critical rmal climatic
	The number of days quoted below shall be regarded as a fair estimate of the delays to be anticipated and allowed for under normal climatic conditions where inclement weather prevents or disrupts work on the critical path.					
	January	4 days	May	2 days	September	2 days
	February	4 days	June	2 days	October	2 days
	March	2 days	July	2 days	November	4 days

	April	2 days	August	2 days	December	4 days	
	Claims for delays for abnormal climatic conditions shall be accompanied by substantiating facts and evidence, which shall be submitted timeously as each day or half-day delay is experienced. Should an extension of time be granted by the Engineer such extension of time will be added to the Time for Completion. It shall be further noted that where the critical path is not affected, no extension of time for abnormal climatic conditions or for any other reason will be entertained. Rainfall of less than 2mm between 7am and 5pm shall not be deemed to be an inclement weather day.						
5.13.1	Clause 5.13.1	: Penalty for Dela	у				
	delays up to a Employer.	limit of 30 normal	working day, upo	• •	day based on the loss su atic termination will be ef		
5.16.3	Clause 5.16.3	: Latent defect lia	bility				
	The latent defe	ect period is ten (1	0) years for civil e	ngineering work	S.		
6.8.2	Clause 6.8.2: Contract Price Adjustment						
	The Contract F	Price Adjustment is	s not applicable in	this contract.			
6.8.3	Clause 6.8.3: Variation in Cost of Special Materials						
	Price adjustme	ents for variations i	n the costs of spe	cial materials ar	e not allowed		
6.10.1.5	Clause 6.10.1	.5: Interim Payme	ents - Materials o	on Site			
	No percentage will be paid.	e advance on mate	rials on site but no	ot yet built into th	ne Permanent Works is a	llowed for, or	
6.10.4	Clause 6.10.4	: Delivery, dissat	sfaction with an	d payment of p	ayment certificate		
	Add the follow	ing to clause 6.10.	4:				
	certificate until	-	s complied with h		withhold the delivery of report in terms of Claus		
8.6.1.1.2	Clause 8.6.1.1	1.2: Insurance					
	The value of the	ne materials suppli	ed by the Employ	er to be included	d in the insurance sum is	-Nil.	
8.6.1.1.3	Clause 8.6.1.1	1.3: Insurance					

	The amount to cover professional fees for repairing damage and loss to be included in the insurance sum is Nil.
8.6.1.3	Clause 8.6.1.3: Insurance
	The limit of indemnity for liability insurance is R5 million for any single claim – the number of claims to be unlimited during the construction.
9.2.1.3.8	The Contractor has furnished inaccurate information in the returnable documents completed at tender stage and forming part of the Contract.
9.2.1.3.9	An official or other role player committed any corrupt or fraudulent act during the procurement process or in the execution of the contract that benefited the Contractor.
10	Clause 10: Dispute Resolution
	"Dispute resolution shall initially be by means of ad-hoc adjudication as per Clause 10.5.2. Should adjudication not be successful, then the dispute shall be referred to Arbitration under the provisions of Clause 10.7.1."
10.4.1	The parties may at time agree to settle disputes with the help of an impartial third party
10.5.3	The number of Adjudication Board Members to be appointed is five (5).
11	Clause 12: Confidentiality
	The Contractor shall treat the details of the Works comprised in this Contract as private and confidential (save in so far as may be necessary for the purposes hereof) and shall not publish or disclose the same or any particulars thereof in any trade or technical paper elsewhere without prior written consent of the Engineer.
12	Clause 13: Amendments in writing
	No amendments of this Contract or of any provisions or terms hereof and no waiver or relaxation or suspension of any of the provisions or terms of this Contract shall be of any force or effect unless reduced to writing and signed by both the parties hereto.

PART 2: DATA PROVIDED BY THE CONTRACTOR

The contractor is advised to read the *general conditions of contract for construction works, third edition, 2015* published by the South African institution of civil engineering, private bag x200, halfway house, 1685, in order to understand the implications of this data which is required to be completed. Copies of these conditions of contract may be obtained from www.saice.org.za.

Each item of data given below is cross-referenced to the clause in the Conditions of Contract to which it mainly applies.

Clause	Data
1.1.1.9	The name of the Contractor is:
1.2.1.2	The address of the Contractor is:

Address (physical):
Address (postal):
Telephone:

PART C2: PRICING DATA

FORM OF QUOTATION

SUPPLIER:

QUOTATION NO: 1918764

DESCRIPTION: SUPPLY, REPAIR, INSTALL AND REPLACE EXISTING IRRIGATION SYSTEM FOR FACILITIES AT NHLS SANDRINGHAM.

TYPE OF EQUIPMENT	DESCRIPTION	QUANTITY	UNITE PRICE EXCL.VAT	TOTAL AMOUNT VAT
				INCL.
PIPE	LDPE IRRIGATION PIPE 20MM	9000M	R	R
RAIN BIRD MAXI-PAW	REFER TO PAGE 47	56	R	R
RAINBIRD 3504 ROTOR POP-UP	REFER TO PAGE 47	106	R	R
RISER PIPE	20MM PVC RISE PIPE 1M HEIGHT	200	R	R
RISER PIPE	20MM PVC RISE PIPE 50CM HIEGHT	250	R	R
RAINBIRD ADJUSTABLE VAN	REFER TO DETAIL SPECS OF SCOPE OF WORK	450	R	R
RAIN BIRD SHRUB ADAPTOR	REFER TO PAGE 47-48 SCOPE OF WORK	450	R	R
FULL FLOW 20MM FEMALE THREAD TEE	FULL FLOW FEMALE THREAD TEE, RISER PIPES SIZE TO FIT 20MM	450	R	R
FULL FLOW 20MM MALE THREAD TEE	REFER PAGE 47-48 OF SCOPE OF WORK	106	R	R
FULL FLOW 20MM MALE THREAD TEE	REFER PAGE 47-48 OF SCOPE OF WORK	56	R	R
FULL FLOW 20MM	FULL FLOW 20MM ELBOW	150	R	R
FULL FLOW 20MM	FULL FLOW 20MM COUPLER	150	R	R
FULL FLOW 20MM	FULL FLOW 20MM END CAPS	50	R	R
FULL FLOW 20MM	PVC 20MM BALL VALVE	50	R	R
TOTAL EXCL VAT				R
VAT				R
TOTAL INCL VAT				R

Technical mandatory documents which should be included on submission

Failure to provide information will lead to disqualification.

Mandatory (Technical expertise)	Comply	Not Comply
Bidders must be 2GB or higher CIDB graded		
Substantiate / Comments		
Provide and attach proof CIDB registration		

Mandatory (Technical expertise)	Comply	Not Comply		
Bidders must have a minimum of 1 qualified Plumber as artisans.				
Substantiate / Comments Provide 2 certified copies of Trade Test certificate for Electrical) to be used on this project.				

Mandatory (Reference Letters)	Comply	Not Comply
Bidders must provide two reference letters from clients where they have rendered the same services (plumbing).		

Substantiate / Comments

The reference letters must be on client letter head. The reference letter must contain the following info I assume POs will not be considered however completion certificate will be considered.

- Physical address where the service was rendered
- Contact details (email address, land line, cell phone)
- Duration and value of the contract

Mandatory (Letter of Good Standing)	Comply	Not Comply
The bidder must be registered for COIDA with the Department of Labour as per the Compensation for Occupational Injuries and Diseases Act.		

Substantiate / Comments

Please provide proof of registration with COIDA and a letter of good standing, both certified by a Commissioner of Oaths. Failure to attach certified copies of the above will disqualify the bidder.Please confirm if any COIDA is acceptable?

NOTE:

"Provide details and registration confirmation with CIDB in terms of the CIDB Act 38 of 2000.

Provide proof of grading level **2G**B or higher

C2.1 PRICING INSTRUCTIONS

- 1. Measurement and payment clauses of the COLTO (1998)/SANS 1200 Standardised Specifications, as well as the Particular Specifications, shall be deemed to form part of and included in the pricing instructions.
- 2. The units of measurement described in the Bill of Quantities are metric units. Abbreviations used in the Bill of Quantities are as follows:

% percent m².pass square metre-pass m^3 cubic metre h = hour hectare m³.km cubic metre-kilometre ha = kilogram MN = meganewton kg kilolitre kΙ = MN.m = meganewton-metre = kilometre MPa = megapascal km number km-pass kilometre-pass No. Provisional sum kilopascal kPa Prov sum kW kilowatt P C sum Prime Cost sum = litre sum lump sum m = metre t = ton (1 000 kg) = millimetre W/day Work day mm m^2 square metre

- 3. Unless otherwise stated, items are measured net in accordance with the drawings, and no allowance is made for waste.
- 4. The prices and rates to be inserted in the Bill of Quantities are to be the full inclusive prices for the work described under the items. Such prices and rates shall cover all costs and expenses that may be required in accordance with the provisions of the Scope of Work, and shall cover the cost of all general risks, liabilities, and obligations set forth or implied in the Contract Data, as well as overhead charges and profit. These prices shall be used as a basis for assessment of payment for additional work that may have to be carried out.
- 5. It will be assumed that prices included in the Bill of Quantities are based on Acts, Ordinances, Regulations, By-laws, International Standards and National Standards that were published 28 days before the closing date for tenders. (Refer to www.sabs.co.za or www.iso.org for information on standards).
- 6. Where the Scope of Work requires detailed drawings and designs or other information to be provided, all costs associated therewith are deemed to have been provided for and included in the unit rates and sum amount tendered for such items.
- 7. An item against which no price is entered will be considered to be covered by the other price s or rates in the Bill of Quantities. A single lump sum will apply should a number of items be grouped together for pricing purposes.
- 8. The quantities set out in the Bill of Quantities are approximate and do not necessarily represent the actual amount of work to be done. The quantities of work accepted and certified for payment will be used for determining payments due and not the quantities given in the Bills of Quantities.
- 9. Reasonable compensation will be received where no pay item appears in respect of work required in the Bills of Quantities in terms of the Contract and which is not covered in any other pay item.
- 10. The short descriptions of the items of payment given in the Bill of Quantities are only for the purposes of identifying the items. More details regarding the extent of the work entailed under each item appear in the Scope of Work.
- 11. The Bill of Quantities has been drawn up in accordance with the latest issue of the COLTO (1998)/SABS1200 Standardised Specifications. Descriptions in the Bill of Quantities are abbreviated and must be read in conjunction with the measurement and payment clauses of the applicable specification

SCHEDULE OF QUANTITIES PREAMBLE TO THE SCHEDULE OF QUANTITIES AND RATES

• The standard commercial terms and conditions, special terms and conditions, and specifications (including the project specification.

- The proposer is at liberty to insert a rate of his own choosing for each item in the schedule, and any item against which no quantity (where applicable) or rate is entered will be considered to be covered by other items in the schedule.
- The quantities and rates inserted in the schedule are to be inclusive prices to the employer for the work
 described under the several items. Such prices shall cover all costs and expenses that may be required in and
 for the works and shall cover the cost of all general risks, liabilities, and obligations set forth or implied in the
 documents on which the tender is based.
- All rates and amounts shall be net, exclusive of value-added tax (vat) and shall be carried to the summary page in their net form. Vat will then be calculated on the total of the nett amounts.
- All quantities and rates as set forth and inserted in the schedule and extended to the totals for each portion of
 the schedule shall be considered as being totally inclusive for the whole of the works as stipulated or as can
 reasonably be inferred from these documents.
- All product guarantees are deemed to be included in the rates, and installation and application rates will consist
 of all necessary inspections and approvals to maintain guarantees.
- "Complete" as it is used in the schedule means the complete system or unit as specified in the particular documents. Each item in the schedule that is priced shall be filled in black ink.
- All quantities shall be considered as final and sufficient for the work described. The proposer shall satisfy
 himself as to the sufficiency of quantities but may not change quantities. Quantities shall be re-measured, and
 payment shall be made according to the adjusted total only

PART C3: SCOPE OF WORK

RFQ NO: 1918764 – SUPPLY, REPAIR, INSTALL AND REPLACE EXISTING IRRIGATION SYSTEM FOR FACILITIES AT NHLS SANDRINGHAM.

Type of equipment	Description	Image	Quantity
Pipe	LDPE irrigation pipe 20mm		9000m
Rain Bird Maxi-paw	Precipitation Rate:0.28 to 1.21 inches per hour (7 to 31mm/h) Radius:22 to 45 feet (6,7 to 13,7 m) Radius with Radius Reduction Screw:18 ft (5,4 m) Pressure:25 to 60 psi (1,7 to 4,1 Bars) Flow:1.5 to 8.4 GPM (0,34 to 1,91 m3/h; 0,9 to 0,53 l/s)		56
Rainbird 3504 rotor Pop-up	Precipitation rate: 0.37 to 0.83 inches per hour (9 to 21 mm/h) Radius:15 to 35 feet (4.6 to 10.7 m) Radius may be reduced up to 25% with radius reduction screw Pressure:25 to 55 psi (1.7 to 3.8 bar) Flow rate: 0.54 to 4.6 gpm (2.0 to 17.4 l/m	Î	106
Riser pipe	20mm PVC riser pipe 1m in height		200
Riser pipe	20mm PVC riser pipe 50cm in height		250
Rain Bird adjustable VAN	Adjustable pattern from 0 degrees to 330 degrees -Adjustable Pattern Nozzle distributes water evenly regardless of pattern set and is compatible with other Rain Bird matched flow rate nozzles -Stainless Steel adjustment screw -Filter screen included		450
Rain Bird shrub adaptor	Adapts Rain Bird nozzles for use with 1/2 in. (15/21) MPT threaded risers Accepts protective, non-clogging 1800 Series filter screen (shipped with nozzle) and PCS Series screens Durable, non-corrosive plastic construction Fine top threads accept all Rain Bird nozzles		450

Full flow 20mm female thread tee	Full flow female thread tee, for riser pipes Size to fit 20mm		450
Full flow 20mm male thread tee	Full flow 20mm male thread tee, to fit Rainbird 3504 rotor Pop-up		106
Full flow 20mm male thread tee	Full flow 20mm male thread tee, to fit Rain Bird Maxi-paw		56
Full flow 20mm	Full flow 20mm elbow		150
Full flow 20mm	Full flow 20mm coupler	on FULL or FLOOR	150
Full flow 20mm	Full flow 20mm end caps		50
Full flow ball valve	PVC 20mm ball valve		50

- Irrigation equipment to be installed
 Adequate and suitably trained staff.
 Sufficient supervision.